

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An image forming apparatus comprising:

a forming unit which forms an image onto a recording medium on the basis of acquired image information;

a fixing unit in which the formed image is fixed by heating the recording medium onto which the image has been formed by the forming unit; and, the fixing unit having a first heater and a second heater formed adjacent to the first heater;

a first temperature sensor which detects the temperature of the first heater;

a second temperature sensor which detects the temperature of the second heater; and

a control unit which ~~detects temperatures of the fixing unit and generates a temperature change table, and which carries out temperature control of the fixing unit on the basis of the table.~~ selects one of a plurality of control tables prepared in advance corresponding to the temperatures detected by the first and second temperature sensors and a change of the temperature, and controls the first and second heaters on the basis of the selected control table.

2. (Currently Amended) An image forming apparatus according to claim 1, wherein, when ~~a temperature~~ the change of the temperature ~~change table~~ is greater than or equal to a predetermined value, the control unit stops ~~rising~~ raising the temperature of the fixing unit even if it has not reached a target temperature.

3. (Currently Amended) An image forming apparatus according to claim 1, wherein the fixing unit includes a fixing roller, a the first heater ~~which~~ heats a central portion of the fixing roller, and the second heater ~~heaters which~~ heats both end portions of the fixing roller.

4. (Currently Amended) An image forming apparatus according to claim 3, wherein the control unit alternately carries out ~~rising~~ raising the temperature of the central portion and ~~rising~~ raising the temperature of the both end portions of the fixing roller.

5. (Original) An image forming apparatus according to claim 1, wherein the control unit carries out temperature control of the fixing unit in consideration of at least one of a signal from a temperature sensor of a photosensitive drum of the forming apparatus and a signal from a temperature sensor of a cassette in which the recording medium is housed.

6. (Currently Amended) An image forming method comprising:
forming an image on a recording medium on the basis of acquired image information;
detecting a temperature of a first heater, which heats a fixing unit fixing the image formed on the recording medium; detecting a second temperature of a second heater, which is formed adjacent to the first heater;

selecting one of a plurality of control tables prepared in advance corresponding to the detected first and second temperatures and a change of the first and second temperatures; and

controlling the first and second heaters on the basis of the selected control table.

~~detecting temperatures of a fixing unit which fixes the image formed on the recording medium and generating a temperature change table, and carrying out temperature control of the fixing unit on the basis of the table; and~~

~~heating the recording medium when the fixing unit reaches a predetermined temperature.~~

7. (Currently Amended) An image forming method according to claim 6, wherein, when a ~~temperature~~ the change of the temperature change table is greater than or equal to a predetermined value, ~~rising~~ raising the temperature of the fixing unit is stopped even if it has not reached a target temperature.

8. (Currently Amended) An image forming apparatus comprising:

a fixing unit which, by heating a recording medium on which an image is formed, fixes the formed image; and, the fixing unit having a first heater and a second heater formed adjacent to the first heater;

a first temperature sensor which detects the temperature of the first heater;

a second temperature sensor which detects the temperature of the second heater; and

a control unit which ~~detects temperatures of the fixing unit and generates a temperature change table, and which carries out temperature control on the basis of the table.~~

selects one of a plurality of control tables prepared in advance corresponding to the temperatures detected by the first and second temperature sensors, and a change of the temperature, and controls the first and second heaters on the basis of the selected control table.

9. (Currently Amended) An image fixing apparatus according to claim 8, wherein, when a temperature the change of the temperature ~~change table~~ is greater than or equal to a predetermined value, the control unit stops ~~rising~~ raising the temperature of the fixing unit even if it has not reached a target temperature.

10. (Currently Amended) An image fixing apparatus according to claim 8, wherein the fixing unit includes a fixing roller, a the first heater ~~which~~ heats a central portion of the fixing roller, and the second heater ~~heaters which~~ heats both end portions of the fixing roller.

11. (Currently Amended) An image fixing apparatus according to claim 8, wherein the control unit alternately carries out ~~rising~~ raising the temperature of the central portion and ~~rising~~ raising the temperature of the both end portions of the fixing roller.

12. (Original) An image fixing apparatus according to claim 8, wherein the control unit carries out temperature control of the fixing unit in consideration of at least one of a signal from a temperature sensor of a photosensitive drum used for the image formation onto the recording medium and a signal from a temperature sensor of a cassette in which the recording medium is housed.

13. (New) An image forming apparatus comprising:

- a forming unit which forms an image onto a recording medium on the basis of acquired image formation;
- a heating roller in which the formed image is fixed by heating the recording medium onto which the image has been formed by the forming unit;
- a first heater which heats the heating roller, and a second heater arranged adjacent to the first heater;
- a first temperature sensor arranged at a position corresponding to the first heater;
- a second temperature sensor arranged at a position corresponding to the second heater;
- and
- a control unit which selects one of a plurality of control tables housed in advance, in accordance with temperatures of the first and second temperature sensors and carries out temperature control of the first and second heaters on the basis of the control table.

14. (New) An image forming apparatus according to claim 13, wherein the control unit compares the temperature of the first temperature sensor with the temperature of the second temperature sensor and carries out the control to supply great power to the heater corresponding to the sensor of lower temperature.